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FIG. 1

100

110

Web Page Viewer

File Edit View ...

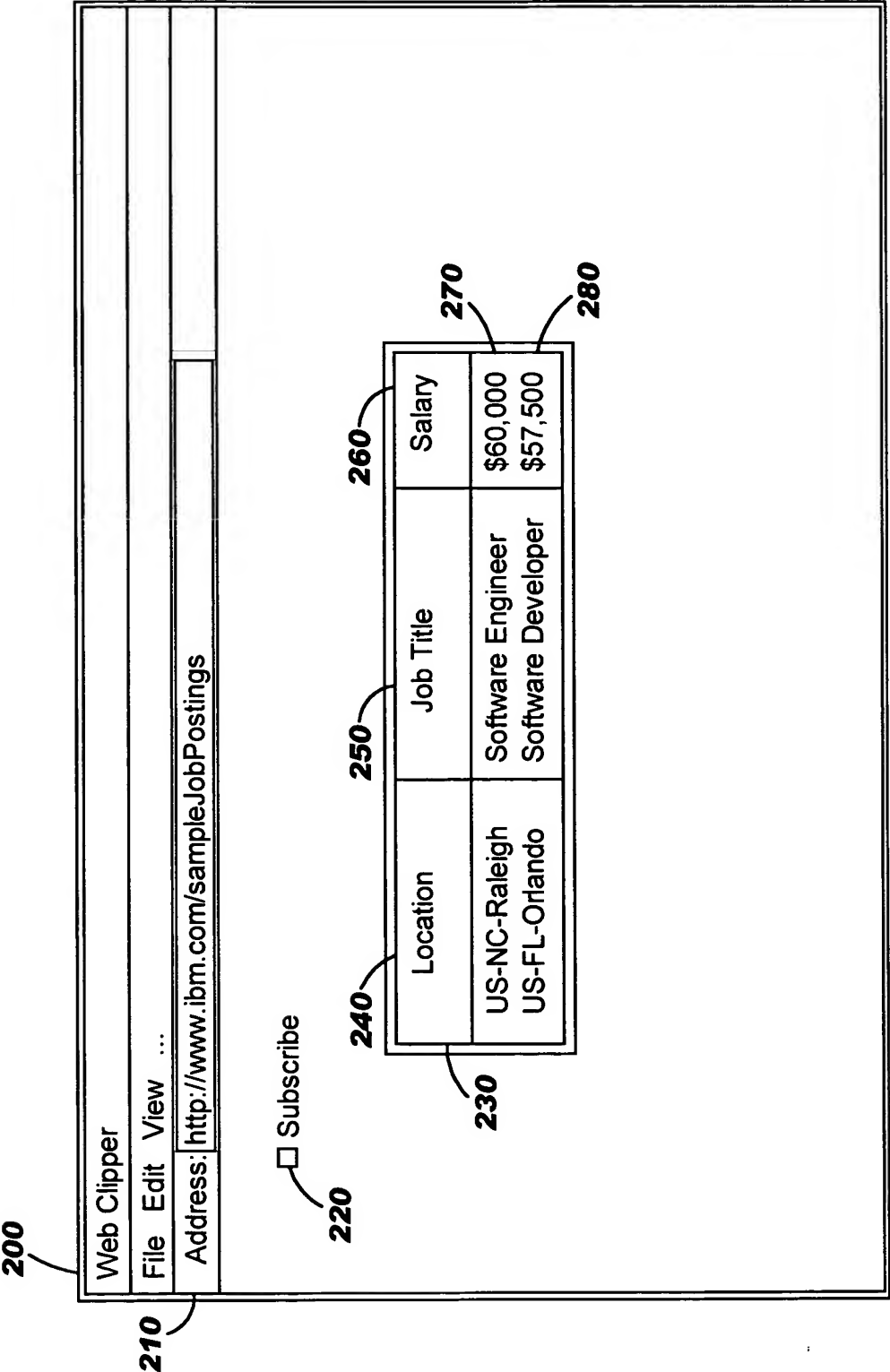
Address: http://www.ibm.com/sample/JobPostings.html

Job Postings

120	130	140	150	160
Date Posted	Job Title	Description	Salary	Location
03 Oct 20	Software Engineer	Java Programmer	\$60,000	US-NC-Raleigh
03 Oct 10	Nurse	Emergency Room Nurse	\$55,000	US-CA-San Diego
03 Oct 1	Librarian	Rare Book Room	\$40,000	US-IL-Urbana
03 Sept 25	Software Developer	C Programmer	\$57,500	US-FL-Orlando
03 Sept 25	Attorney	Personal Injury Associate	\$70,000	US-GA-Atlanta

110

FIG. 2



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FIG. 3

300

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE config-data SYSTEM "clipping-config.dtd">
<config-data version="1.0">
  <url>
    310 <![CDATA[http://www.ibm.com/sampleJobPostings.html]]>
  </url>
  <clipping type="HTML">
    <annotation>
      <![CDATA[<?xml version="1.0" encoding="UTF-8"?>
        <annot version="2.0">
          330 <description take-effect="before" target="/HTML[1]/BODY[1]/*[1]">
            <remove/>
          </description>
          340 <description take-effect="before"
            target="/HTML[1]/BODY[1]/descendant::text()[contains(., 'Results:')] /following::TABLE[1]">
            <keep/>
          </description>
          350 <description take-effect="after"
            target="/HTML[1]/BODY[1]/descendant::text()[contains(., 'Results:')] /following::TABLE[1]">
            <remove/>
          </description>
        </annot>
      ]>
    </annotation>
  </clipping>
  <timeout>5</timeout>
  <url-rewriting></url-rewriting>
</config-data>
```

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FIG. 4

400

410

Customize Subscription

File Edit View ...

Subscription clipper name : JobPostingsClipper

Specify conditions for your subscription.

420 Location **421** LIKE **422**

430 Job Title **431** LIKE **432**

440 Salary **441** > **442**

450 Submit Cancel

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FIG. 5

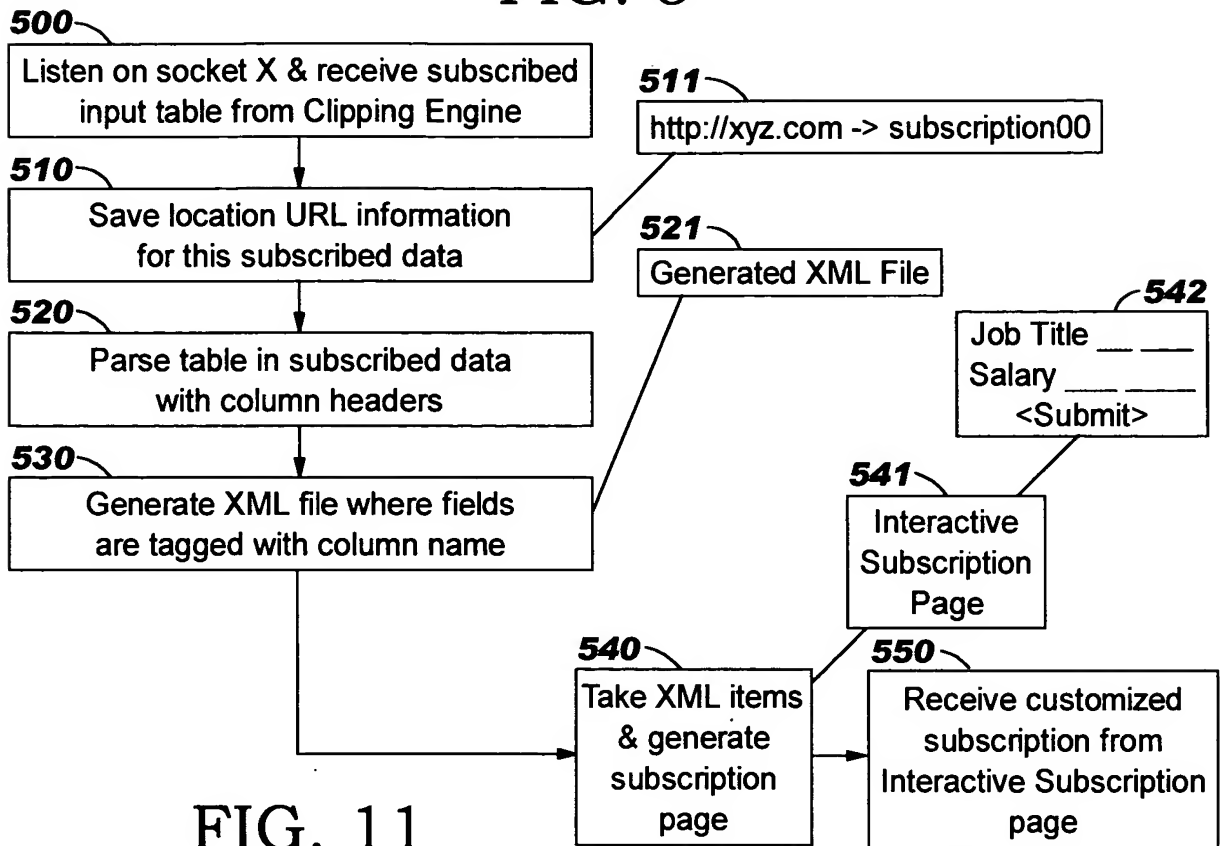
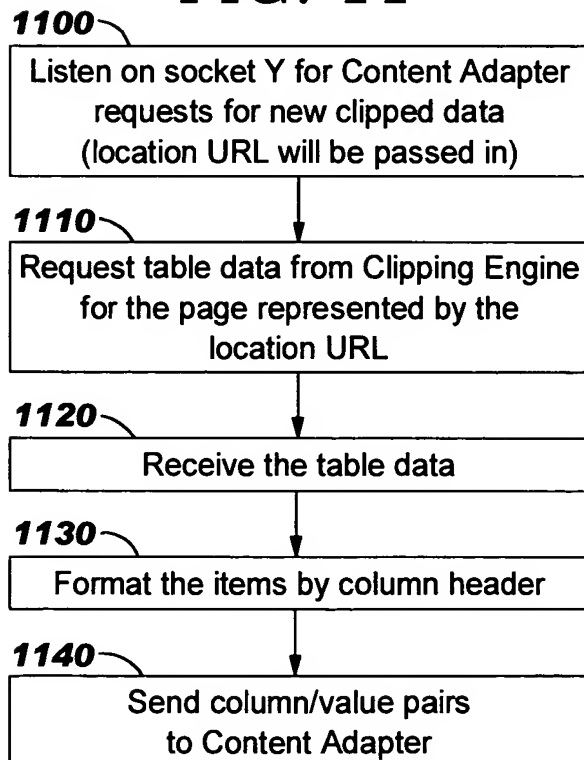


FIG. 11



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FIG. 6

```
<XML>
  <ClippedContent>
    <item>
      <name_0> Location </name_0>
      <value_0> US-NC-Raleigh </value_0>
      <name_1> Job Title </name_1>
      <value_1> Software Engineer </value_1>
      <name_2> Salary </name_2>
      <value_2> $60,000 </value_2>
    </item>
    <item>
      <name_0> Location </name_0>
      <value_0> US-FL-Orlando </value_0>
      <name_1> Job Title </name_1>
      <value_1> Software Developer </value_1>
      <name_2> Salary </name_2>
      <value_2> $57,500 </value_2>
    </item>
  </ClippedContent>
  <SourceURL> http://www.ibm.com/sampleJobPostings.html </SourceURL>
</XML>
```

FIG. 7

700

Customize Subscription

File Edit View ...

Subscription clipper name : JobPostingsClipper

Specify event(s) for your subscription.

☒

710

Send to my

711

mobile phone

712

always

721

30 min

722

weekdays

☐

720

Schedule my calendar for

When

Submit

Cancel

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FIG. 8

```
<xml>
  <SourceURL> http://www.ibm.com/sampleJobPostings.html</SourceURL>
  <condition_1>
    <name> Location </name>
    <condition> Like </condition>
    <value> Raleigh, NC </value>
  </condition_1>
  <condition_2>
    <name> Job Title </name>
    <condition> Like </condition>
    <value> Software Developer </value>
  </condition_2>
  • • •
  <action_1>
    <type> Send </type>
    <device> Mobile Phone</device>
    <When> Always </When>
  </action_1>
  • • •
</xml>
```


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FIG. 9

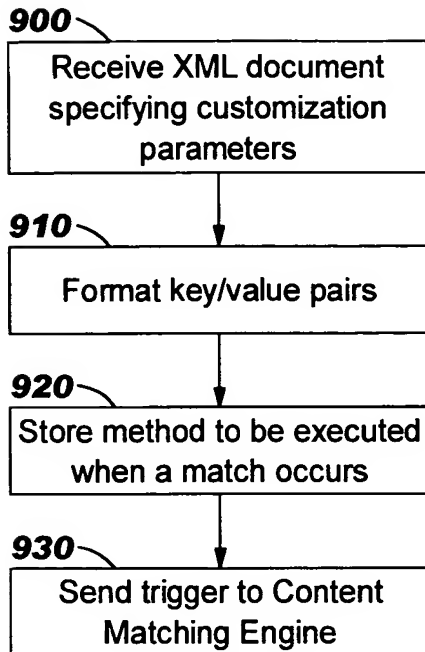


FIG. 10

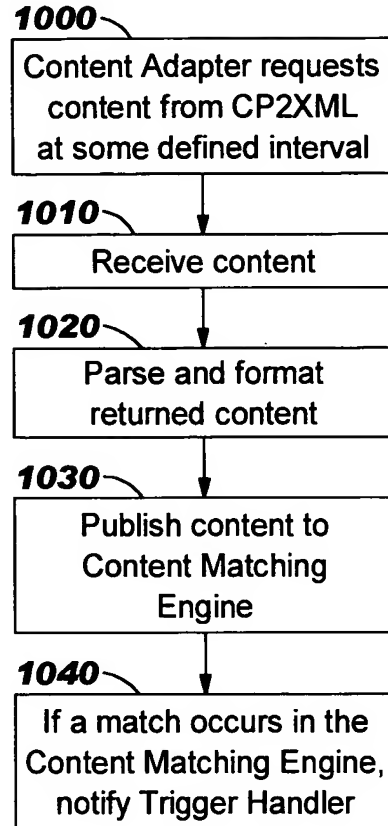
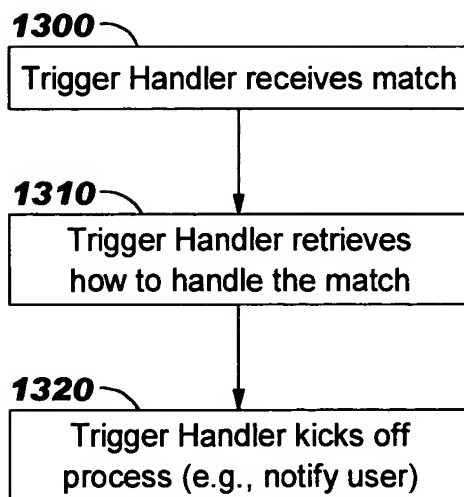


FIG. 13



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FIG. 12

1200

```
<?xml version="1.0" encoding="UTF-8"?>
<ClippletRetrieval>
  <item>
    <Job_Title>Software Engineer</Job_Title>
    <Location>US-NC-Raleigh</Location>
    <Salary>$30,156</Salary>
  </item>
  <item>
    <Job_Title>Nurse</Job_Title>
    <Location>US-NC-Raleigh</Location>
    <Salary>$26,697</Salary>
  </item>
  <item>
    <Job_Title>Librarian</Job_Title>
    <Location>US-CA-San Diego</Location>
    <Salary>$58,816</Salary>
  </item>
  <item>
    <Job_Title>Forest Ranger</Job_Title>
    <Location>US-LA-Baton Rouge</Location>
    <Salary>$122,554</Salary>
  </item>
  <item>
    <Job_Title>Software Engineer</Job_Title>
    <Location>US-NJ-Newark</Location>
    <Salary>$134,900</Salary>
  </item>
</item>
```

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FIG. 12
(cont;d)

1200

```
<item>
  <Job_Title>Forest Ranger</Job_Title>
  <Location>US-NJ-Newark</Location>
  <Salary>$25,511</Salary>
</item>
<item>
  <Job_Title>Software Engineer</Job_Title>
  <Location>US-NC-Raleigh</Location>
  <Salary>$60,000</Salary>
</item>
<item>
  <Job_Title>Nurse</Job_Title>
  <Location>US-CA-San Diego</Location>
  <Salary>$55,000</Salary>
</item>
<item>
  <Job_Title>Lawyer</Job_Title>
  <Location>US-GA-Atlanta</Location>
  <Salary>$70,000</Salary>
</item>
</ClippletRetrieval>
```

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FIG. 14



FIG. 15

